

**EPA REGION 6 REMEDIAL ACTION CONTRACT 2**  
**CONTRACT: EP-W-06-004**  
**MONTHLY STATUS REPORT**  
**VOUCHER NO. 102**

<b>Task Order:</b>	0088-RICO-06MC	<b>Report Period:</b>	June 2014
<b>Task Order Name:</b>	Falcon RI/FS	<b>Firm:</b>	EA
<b>EPA Task Order Monitor:</b>	Brian Mueller	<b>Tasks:</b>	1, 6, and 7
<b>EPA Contracting Officer:</b>	Michael Pheeny	<b>Percent Complete:</b>	73.9%
<b>EPA Project Officer:</b>	Rena McClurg	<b>Period-of-Performance:</b>	28 May 2015
<b>EA Program Manager:</b>	Tim Startz	<b>EA Project Manager (PM):</b>	Bob Owens
<b>EA Financial Manager:</b>	---	<b>EA Alternate PM:</b>	---

## 1. INTRODUCTION

This report covers the period 31 May – 30 June 2014.

During this report period, EA Engineering, Science, and Technology, Inc. (EA) conducted activities under Tasks 1, 6, and 7 of this Task Order. The specific activities conducted under these tasks are summarized below. The percent complete estimate is based on cumulative costs incurred versus authorized funding of the Task Order.

## 2. PROGRESS MADE DURING THIS REPORT PERIOD

### 2.1 TASK 1 – PROJECT PLANNING AND SUPPORT

The EA Project Manager: (1) communicated project status to the EPA Task Order Monitor, (2) conducted routine budgeting and cost control activities, and (3) prepared the monthly status report.

On 20 June 2014, EA submitted the monthly status report and invoice for this Task Order to EPA.

On 30 June 2014, EA acknowledged receipt of Task Order Modification No. 5. This modification increased the Task Order expenditure limit by \$100,000 to \$700,000.

### 2.2 TASK 2 – COMMUNITY INVOLVEMENT

This task had no activity.

### 2.3 TASK 3 – FIELD INVESTIGATION/DATA ACQUISITION

This task had no activity.

### 2.4 TASK 4 – SAMPLE ANALYSIS

This task had no activity.

**2.5 TASK 5 – ANALYTICAL SUPPORT AND DATA VALIDATION**

This task had no activity.

**2.6 TASK 6 – DATA EVALUATION**

EA continued preparation of the Data Evaluation Summary Report (DESR) during this report period.

**2.7 TASK 7 – RISK ASSESSMENT**

On 4 June 2014, EA submitted Revision 01 of the Screening Level Ecological Risk Assessment (SLERA) for AOC-4. This revision addressed comments EA received from EPA on 30 May 2014.

Other direct charges associated with the CADD development of figures were incurred during this report period.

**2.8 TASK 8 – TREATABILITY STUDY/PILOT TESTING**

This task is currently inactive.

**2.9 TASK 9 – REMEDIAL INVESTIGATION REPORT**

This task had no activity.

**2.10 TASK 10 – REMEDIAL ALTERNATIVES SCREENING**

This task had no activity.

**2.11 TASK 11 – REMEDIAL ALTERNATIVES EVALUATION**

This task had no activity.

**2.12 TASK 12 – FEASIBILITY STUDY REPORT**

This task had no activity.

**2.13 TASK 13 – POST-REMEDIAL INVESTIGATION/FEASIBILITY STUDY SUPPORT**

This task had no activity.

**2.14 TASK 14 – ADMINISTRATIVE RECORD**

This task is currently inactive.

**2.15 TASK 15 – TASK ORDER CLOSEOUT**

This task had no activity.

**3. PLANNED, START, COMPLETION DATES FOR EACH TASK ORDER TASK**

<b>Task</b>	<b>Planned Start Date</b>	<b>Actual Start Month</b>	<b>Month of Completion</b>	<b>Percent Technically Complete</b>
Task 1	May 2012	September 2012	---	45
Task 2	May 2012	September 2012	---	5
Task 3	July 2012	May 2013	---	55
Task 4	September 2012	---	---	0
Task 5	October 2012	December 2013	---	10
Task 6	December 2012	November 2013	---	30
Task 7	March 2013	March 2014	---	50
Task 8	Inactive	Inactive	Inactive	Inactive
Task 9	March 2013	---	---	0
Task 10	May 2013	---	---	0
Task 11	July 2013	---	---	0
Task 12	September 2013	---	---	0
Task 13	October 2013	---	---	0
Task 14	Inactive	Inactive	Inactive	Inactive
Task 15	April 2014	---	---	0

NOTE:  
The planned start dates in this section are based on the schedule presented in the revised Work Plan submitted April 2012 which anticipated Task Order award in May 2012. The Task Order was awarded in September 2012. EA and EPA worked together to review the previously produced permeable reactive barrier data and its implication to the upcoming Remedial Investigation activities.

**4. DELIVERABLES**

<b>Description of Deliverable</b>	<b>Due Date</b>	<b>Submittal Date</b>
Monthly Status Report and Invoice	20 June 2014	20 June 2014
Scoping Meeting	16 February 2012	---
Site Visit	Not Required	---
Work Plan Revision 00	9 March 2012	7 March 2012
Work Plan Revision 01	24 April 2012	24 April 2012
Conflict of Interest Disclosure	---	20 May 2011
Draft Remedial Investigation (RI)/Feasibility Study (FS) Sampling and Analysis Plan (SAP)	10 October 2012*	6 November 2012
Final SAP	5 February 2013**	4 February 2013
Technical Memorandum	When significant changes occur to the SAP	---
RI/FS Health and Safety Plan	10 October 2012*	29 October 2012
Draft Site Management Plan (SMP)	10 October 2012*	30 October 2012
Final SMP	5 February 2013**	4 February 2013
Draft Conceptual Site Model (CSM)	10 October 2012*	6 November 2012
Final CSM	5 February 2013**	4 February 2013
Draft Data Quality Objectives (DQO) Memorandum	10 October 2012*	6 November 2012
Final DQO Memorandum	5 February 2013**	4 February 2013

Description of Deliverable	Due Date	Submittal Date
Fact Sheets	Within 5 days after notice from EPA	---
Public Notices	Within 5 days after notice from EPA	---
Presentations	Within 5 days after notice from EPA	---
Draft and Final Data Validation Report (DVR)	Included with the Data Evaluation Summary Report	---
Draft Data Evaluation Summary Report (DESR)	Within 30 days after the receipt of all data	---
Final DESR	Within 15 days of the receipt of EPA's comments	---
Draft Baseline Human Health Risk Assessment (BHHRA) and Draft Screening Level and Baseline Ecological Risk Assessment (SLERA and BERA) Reports	Within 30 days after EPA's acceptance of Final DESR	---
Draft SLERA for AOC-4	---	31 March 2014
Draft HHRA for AOC-4	---	1 April 2014
Draft SLERA for AOC-5	---	2 April 2014
Draft HHRA for AOC-5	---	3 April 2014
Final SLERA for AOC-4	14 June 2014	4 June 2014
Final HHRA for AOC-4	15 May 2014	15 May 2014
Final HHRA for AOC-5	9 May 2014	9 May 2014
Final BHHRA and Final SLERA and BERA Reports	Within 15 days of the receipt of EPA's comments	---
Draft RI Report	Within 30 days after EPA's acceptance of Final DESR	---
Final RI Report	Within 15 days of the receipt of EPA's comments	---
Alternatives Development and Screening Memorandum (ADSM)	Within 30 days after EPA's acceptance of Final RI Report; ADSM will be incorporated into the Draft and Final FS Reports	---
Remedial Alternatives Comparative Analysis (RACA) Report	Within 15 days after EPA's comments on the ADSM; RACA Report will be incorporated into the Draft and Final FS Reports	---
Draft FS Report	Within 15 days after EPA's comments on the RACA	---
Final FS Report	Within 15 days of the receipt of EPA's comments	---
Task Order Closeout Report	As specified in the contract	---
NOTE: * 30 days after Task Order award ** 7 days after receiving EPA comments.		

## 5. SCHEDULE VARIANCES/CORRECTIVE ACTIONS TAKEN AND PLANNED

Description of Schedule Variances	Due Date	Execution Date	Corrective Actions
None	---	---	---

## **6. OUTSTANDING ISSUES/RESOLUTION**

None.

## **7. PROJECTED ACTIVITY DURING NEXT PERIOD**

During the next report period, EA anticipates performing the following activities:

### **Task 1**

- Conduct routine project management activities
- Submit a 75% Notification Letter.

### **Task 6**

- Continue development of the DESR.

### **Task 7**

- Address final comments on the SLERA for AOC-5 upon receipt from EPA.

## **8. SUSTAINABILITY/GREEN REMEDIATION**

EA is using the following sustainability techniques when possible during execution of this Task Order:

- Purchase supplies locally to the extent practicable
- Utilized local contractors to the extent practicable to reduce travel
- Instruct workers to avoid engine idle
- Use cleaner fuel, such as ultra-low sulfur diesel, in drilling and support equipment
- Use phosphate-free detergents, instead of organic solvents or acids, to decontaminate sampling equipment
- Submit hard copies of deliverables to EPA that are double-sided and printed on recycled paper.

## **9. SUBCONTRACTING**

None.

**10. PURPOSE OF TRAVEL**

No travel was recorded during the reporting period.

**11. TOTAL EXPENDITURES**

Please see the attached financial report and the following cost detail table.

	Hours					Cost	
Labor	199.00					\$23,134.50	
Subtotal Labor							\$23,134.50
	Base Cost	G&A <sup>1</sup> Rate	Fee	Markup	Total Cost		
Travel	\$0.00	11.43%	---	\$0.00	\$0.00		
ODCs <sup>2</sup>	\$38.24	11.43%	---	\$4.36	\$42.60		
Subtotal Travel and ODCs							\$42.60
	Base Cost	G&A <sup>1</sup> Rate	Fee	Markup	Total Cost		
Subpool	\$0.00	11.43%	3.00%	\$0.00	\$0.00		
Subtotal Subpool							\$0.00
NOTE:							Invoice Total \$23,177.10
<sup>1</sup> G&A – General and Administrative							
<sup>2</sup> ODCs – Other direct costs include computer usage, equipment, reproduction, telephone, supplies, mail/delivery, and other.							
Values may reflect Microsoft rounding conventions from the reports of work.							

EA has expended 73.9 percent of the approved incremental funding for this Task Order.

# REPORT 1 - TASK ORDER -- Task Level Specific Detail Report

Task Order Number:	088RICO06MC	Work Area Code:	RI	Contract Period:	Base and Option
Task Order Title:	Falcon Refinery Superfund Site Remedial Investigation/Feasibility	Action Code:	CO	TO Period of Performance Start:	09/10/2012
Contractor Name:	EA Engineering, Science and Technology, Inc.	Operable Unit:	00	TO Period of Performance End:	05/28/2015
Contract Number:	EP-W-06-004	TO Type:	FR	Reporting Period From:	05/31/2014
SSID:	06MC	Type Site:		Reporting Period To:	06/30/2014
State:	TX	Task Order Status:	A	Invoice Date:	07/18/2014
Region:	VI	Performance Based:	N	Invoice Number:	B88992

Task Number: 1

Task Category: PP

Task Name: Project Planning & Support

Task Name: Project Planning & Support											
Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
BABCOCK, SARAH	Senior Engineer	0.25	41.81	0.00	0.00	2.75	451.17	2.75	451.17		
BALLWEG, APRIL	Mid Level Engineer	3.75	477.98	0.00	0.00	21.00	2,631.39	21.00	2,631.39		
BALLWEG, APRIL	Project Manager	0.00	0.00	0.00	0.00	0.75	136.77	0.75	136.77		
BARINKA, LOU	Principal Technical Specialist	0.00	0.00	0.00	0.00	0.25	62.44	0.25	62.44		
BERLAND, NIKKI	Clerical/Office	0.00	0.00	0.00	0.00	6.75	506.62	6.75	506.62		
BOHLKE, CATHERINE M.	Mid Level Scientist	0.00	0.00	0.00	0.00	0.20	21.94	0.20	21.94		
CANDELARIA, ALICIA	Junior Scientist	0.00	0.00	0.00	0.00	24.50	2,099.46	24.50	2,099.46		
CHEATWOOD, CYNTHIA L.	Risk Assesor/Toxicologist	0.00	0.00	0.00	0.00	77.00	12,057.43	77.00	12,057.43		
CURLEY, TYLER J.	Junior Engineer	0.00	0.00	0.00	0.00	3.25	311.19	3.25	311.19		
FLORES, JOSE G.	Mid Level Scientist	0.00	0.00	0.00	0.00	15.00	1,603.90	15.00	1,603.90		
HEDGECOCK, MICHELLE	Clerical/Office	0.00	0.00	0.00	0.00	0.10	7.60	0.10	7.60		
HENGST, ALICIA JOY	Clerical/Office	0.00	0.00	0.00	0.00	35.00	2,593.77	35.00	2,593.77		
HINCKLEY, DANIEL A	Senior Scientist	0.00	0.00	0.00	0.00	48.00	7,791.93	48.00	7,791.93		
HOODA, RESHMA	Junior Engineer	0.00	0.00	0.00	0.00	235.50	22,090.46	235.50	22,090.46		
KELLY, LUCILLE	Clerical/Office	0.00	0.00	0.00	0.00	3.25	249.88	3.25	249.88		
KELLY, LUCILLE	Mid Level Scientist	0.25	28.42	0.00	0.00	30.25	3,259.25	30.25	3,259.25		
KOORS, FELICIA	Clerical/Office	0.00	0.00	0.00	0.00	0.03	2.28	0.03	2.28		
LOPEZ, JOSE	Junior Engineer	0.00	0.00	0.00	0.00	61.00	5,637.66	61.00	5,637.66		
MCMILLAN, TERESA	Mid Level Scientist	0.00	0.00	0.00	0.00	120.00	12,922.66	120.00	12,922.66		
MOSS, PAMELA	Senior Scientist	0.00	0.00	0.00	0.00	11.00	1,763.30	11.00	1,763.30		
MULLEN, REGINA	GIS/IT Database	0.00	0.00	0.00	0.00	15.50	1,723.94	15.50	1,723.94		
MULLEN, REGINA	Mid Level Scientist	0.00	0.00	0.00	0.00	2.00	227.34	2.00	227.34		
MULLEN, REGINA	Junior Scientist	0.00	0.00	0.00	0.00	86.00	7,521.61	86.00	7,521.61		
NEUBAUER, R. JOSEPH	Senior Scientist	0.00	0.00	0.00	0.00	5.00	773.65	5.00	773.65		
OWENS, ROBERT M	Project Manager	0.00	0.00	0.00	0.00	81.00	14,365.63	81.00	14,365.63		
OWENS, ROBERT M	Senior Engineer	4.00	668.88	0.00	0.00	114.00	18,174.40	114.00	18,174.40		
PADDACK, MARK	Senior Scientist	0.00	0.00	0.00	0.00	3.75	601.13	3.75	601.13		

**NOTE: Subpool Dollars include 11.43% G&A and 3% Fee**  
**Other Direct Charges include 11.43% G&A**

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Contract Number:	EP-W-06-004	TO Type:	FR	Reporting Period From:	05/31/2014
SSID:	06MC	Type Site:		Reporting Period To:	06/30/2014
State:	TX	Task Order Status:	A	Invoice Date:	07/18/2014
Region:	VI	Performance Based:	N	Invoice Number:	B88992

Task Number: 1

Task Category: PP

Task Name: Project Planning & Support

Task Name: Project Planning & Support

Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
POWELL, MICHAEL W	Senior Scientist	0.00	0.00	0.00	0.00	3.50	561.05	3.50	561.05		
POWELL, MICHAEL W	Mid Level Scientist	0.00	0.00	0.00	0.00	8.50	900.24	8.50	900.24		
REYES-DZUL, SERGIO	Clerical/Office	0.00	0.00	0.00	0.00	6.75	506.61	6.75	506.61		
RICE, SHELLEY	Procurement	0.00	0.00	0.00	0.00	17.00	1,629.28	17.00	1,629.28		
SANTORO, DAVID S	Senior Engineer	0.00	0.00	0.00	0.00	2.00	322.82	2.00	322.82		
SCHWERTZ, JOHN	GIS/IT Database	0.00	0.00	0.00	0.00	36.00	3,914.93	36.00	3,914.93		
SNYDER, JAY	Senior Scientist	0.00	0.00	0.00	0.00	12.50	1,934.14	12.50	1,934.14		
SPILLER, ALEXANDER	Mid Level Engineer	0.00	0.00	0.00	0.00	0.75	92.27	0.75	92.27		
TELISAK, THEODORE	Senior Engineer	0.00	0.00	0.00	0.00	7.00	1,090.60	7.00	1,090.60		
THOMAS, DUANE	Mid Level Scientist	0.00	0.00	0.00	0.00	3.00	329.16	3.00	329.16		
WALLACE, STANLEY	Senior Engineer	0.00	0.00	0.00	0.00	1.25	201.81	1.25	201.81		
WALLACE-WYMORE, KIMBERLY	Mid Level Scientist	0.00	0.00	0.00	0.00	9.00	990.45	9.00	990.45		
WERTH, DAVID	Junior Scientist	0.00	0.00	0.00	0.00	41.50	3,529.30	41.50	3,529.30		
YOST, BRIAN A.	Senior Scientist	0.00	0.00	0.00	0.00	5.50	855.25	5.50	855.25		
TOTAL, Prime Contractor		8.25	1,217.09	0.00	0.00	0.00	136,446.71	1,157.08	136,446.71		

**NOTE: Subpool Dollars include 11.43% G&A and 3% Fee**  
**Other Direct Charges include 11.43% G&A**



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Contractor Name:	EA Engineering, Science and Technology, Inc.	Operable Unit:	00	TO Period of Performance End:	05/28/2015
Contract Number:	EP-W-06-004	TO Type:	FR	Reporting Period From:	05/31/2014
SSID:	06MC	Type Site:		Reporting Period To:	06/30/2014
State:	TX	Task Order Status:	A	Invoice Date:	07/18/2014
Region:	VI	Performance Based:	N	Invoice Number:	B88992

### SUBTOTALS FOR TASK 1

Cost Elements	Current		Cumulative						Approved Budget	
	Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR (Professional)	8.25	1,217.09	0.00	0.00	1,157.08	136,446.71	1,157.08	136,446.71	1,075.00	138,284.00
SUBTOTAL, DIRECT COSTS										
Other Direct Costs		0.00		0.00		2,799.19		2,799.19		3,366.00
Subpool		0.00		0.00		0.00		0.00		0.00
SUBTOTAL, TASK COSTS		1,217.09		0.00		139,245.90		139,245.90		141,650.00

Task Number: 3

Task Category: FI

Task Name: Field Investigation/Data Acquisition

Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
BONNER, JOHN T	Mid Level Scientist	0.00	0.00	0.00	0.00	178.50	19,585.02	178.50	19,585.02		
CANDELARIA, ALICIA	Junior Scientist	0.00	0.00	0.00	0.00	179.25	15,677.21	179.25	15,677.21		
ENGLAND, TRENT	Junior Scientist	0.00	0.00	0.00	0.00	128.00	11,194.89	128.00	11,194.89		
GUTH, RYAN	Junior Scientist	0.00	0.00	0.00	0.00	23.50	2,055.32	23.50	2,055.32		
HOODA, RESHMA	Junior Engineer	0.00	0.00	0.00	0.00	1.50	143.64	1.50	143.64		
KELLY, LUCILLE	Mid Level Scientist	0.00	0.00	0.00	0.00	0.75	85.25	0.75	85.25		
KELLY, MARK O'CONNOR	Mid Level Scientist	0.00	0.00	0.00	0.00	191.25	21,003.70	191.25	21,003.70		
KOORS, FELICIA	Clerical/Office	0.00	0.00	0.00	0.00	16.25	1,235.52	16.25	1,235.52		
LOPEZ, JOSE	Junior Engineer	0.00	0.00	0.00	0.00	163.50	15,655.16	163.50	15,655.16		
MCMILLAN, TERESA	Mid Level Scientist	0.00	0.00	0.00	0.00	93.75	10,286.25	93.75	10,286.25		
OWENS, ROBERT M	Senior Engineer	0.00	0.00	0.00	0.00	20.50	3,308.92	20.50	3,308.92		
REYES-DZUL, SERGIO	Clerical/Office	0.00	0.00	0.00	0.00	0.50	38.02	0.50	38.02		
RICE, SHELLEY	Procurement	0.00	0.00	0.00	0.00	9.00	862.56	9.00	862.56		
RODRIGUEZ, JOSHUA	Junior Engineer	0.00	0.00	0.00	0.00	0.50	47.88	0.50	47.88		

**NOTE: Subpool Dollars include 11.43% G&A and 3% Fee**  
**Other Direct Charges include 11.43% G&A**

## REPORT 1 - TASK ORDER -- Task Level Specific Detail Report

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Task Order Title:	Falcon Refinery Superfund Site Remedial Investigation/Feasibility	Action Code:	CO	TO Period of Performance Start:	09/10/2012
Contractor Name:	EA Engineering, Science and Technology, Inc.	Operable Unit:	00	TO Period of Performance End:	05/28/2015
Contract Number:	EP-W-06-004	TO Type:	FR	Reporting Period From:	05/31/2014
SSID:	06MC	Type Site:		Reporting Period To:	06/30/2014
State:	TX	Task Order Status:	A	Invoice Date:	07/18/2014
Region:	VI	Performance Based:	N	Invoice Number:	B88992

Task Number: 3

Task Category: FI

Task Name: Field Investigation/Data Acquisitio

Task Name: Field Investigations Data Acquisition											
Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
SCHWERTZ, JOHN	GIS/IT Database	0.00	0.00	0.00	0.00	12.00	1,334.64	12.00	1,334.64		
SPICER, DONNY L	Senior Technican	0.00	0.00	0.00	0.00	89.00	8,464.82	89.00	8,464.82		
SPILLER, ALEXANDER	Mid Level Scientist	0.00	0.00	0.00	0.00	69.25	7,598.11	69.25	7,598.11		
STROUP, JASON	Mid Level Scientist	0.00	0.00	0.00	0.00	12.75	1,398.93	12.75	1,398.93		
SUCHECKI, JUSTIN	Junior Scientist	0.00	0.00	0.00	0.00	9.00	787.14	9.00	787.14		
THOMAS, DUANE	Mid Level Scientist	0.00	0.00	0.00	0.00	224.00	24,624.68	224.00	24,624.68		
WERTH, DAVID	Junior Scientist	0.00	0.00	0.00	0.00	124.75	10,910.66	124.75	10,910.66		
TOTAL, Prime Contractor		0.00	0.00	0.00	0.00	0.00	156,298.32	1,547.50	156,298.32		

### SUBTOTALS FOR TASK 3

Cost Elements	Current		Cumulative						Approved Budget	
	Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR (Professional)	0.00	0.00	0.00	0.00	1,547.50	156,298.32	1,547.50	156,298.32	1,836.00	191,967.00
SUBTOTAL, DIRECT COSTS										
Other Direct Costs		0.00		0.00		65,973.38		65,973.38		54,462.00
Subpool		0.00		0.00		38,499.69		38,499.69		126,445.00
SUBTOTAL, TASK COSTS		----- 0.00		----- 0.00		----- 260,771.39		----- 260,771.39		----- 372,874.00

Task Number: 4

Task Category: SN

Task Name: Sample Analysis

**NOTE: Subpool Dollars include 11.43% G&A and 3% Fee**  
**Other Direct Charges include 11.43% G&A**

## REPORT 1 - TASK ORDER -- Task Level Specific Detail Report

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Task Order Title:	Falcon Refinery Superfund Site Remedial Investigation/Feasibility	Action Code:	CO	TO Period of Performance Start:	09/10/2012
Contractor Name:	EA Engineering, Science and Technology, Inc.	Operable Unit:	00	TO Period of Performance End:	05/28/2015
Contract Number:	EP-W-06-004	TO Type:	FR	Reporting Period From:	05/31/2014
SSID:	06MC	Type Site:		Reporting Period To:	06/30/2014
State:	TX	Task Order Status:	A	Invoice Date:	07/18/2014
Region:	VI	Performance Based:	N	Invoice Number:	B88992

### SUBTOTALS FOR TASK 4

Cost Elements	Current		Cumulative						Approved Budget	
	Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR (Professional)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SUBTOTAL, DIRECT COSTS										
Other Direct Costs		0.00		0.00		0.00		0.00		0.00
Subpool		0.00		0.00		7,590.13		7,590.13		272,298.00
SUBTOTAL, TASK COSTS		----- 0.00		----- 0.00		----- 7,590.13		----- 7,590.13		

Task Number: 5

Task Category: AN

Task Name: Analytical Support & Data Validatio

Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
MOSS, PAMELA	Senior Scientist	0.00	0.00	0.00	0.00	26.00	4,317.82	26.00	4,317.82		
TOTAL, Prime Contractor		0.00	0.00	0.00	0.00	0.00	4,317.82	26.00	4,317.82		

**NOTE: Subpool Dollars include 11.43% G&A and 3% Fee**  
**Other Direct Charges include 11.43% G&A**

## REPORT 1 - TASK ORDER -- Task Level Specific Detail Report

Task Order Number:	088RICO06MC	Work Area Code:	RI	Contract Period:	Base and Option
Task Order Title:	Falcon Refinery Superfund Site Remedial Investigation/Feasibility	Action Code:	CO	TO Period of Performance Start:	09/10/2012
Contractor Name:	EA Engineering, Science and Technology, Inc.	Operable Unit:	00	TO Period of Performance End:	05/28/2015
Contract Number:	EP-W-06-004	TO Type:	FR	Reporting Period From:	05/31/2014
SSID:	06MC	Type Site:		Reporting Period To:	06/30/2014
State:	TX	Task Order Status:	A	Invoice Date:	07/18/2014
Region:	VI	Performance Based:	N	Invoice Number:	B88992

### SUBTOTALS FOR TASK 5

Cost Elements	Current		Cumulative						Approved Budget	
	Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR (Professional)	0.00	0.00	0.00	0.00	26.00	4,317.82	26.00	4,317.82	504.00	50,254.00
SUBTOTAL, DIRECT COSTS										
Other Direct Costs		0.00		0.00		0.00		0.00		0.00
Subpool		0.00		0.00		0.00		0.00		0.00
SUBTOTAL, TASK COSTS	-----	0.00	-----	0.00	-----	4,317.82	-----	4,317.82	-----	50,254.00

Task Number: 6

Task Category: DE

Task Name: Data Evaluation

Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
CANDELARIA, ALICIA	Junior Scientist	0.00	0.00	0.00	0.00	16.00	1,408.81	16.00	1,408.81		
CORUM, SANITA A.	Mid Level Scientist	0.00	0.00	0.00	0.00	21.00	2,387.07	21.00	2,387.07		
FLORES, JOSE G.	Mid Level Scientist	0.00	0.00	0.00	0.00	1.00	109.72	1.00	109.72		
KELLY, LUCILLE	Mid Level Scientist	17.00	1,932.40	0.00	0.00	17.00	1,932.40	17.00	1,932.40		
LOPEZ, JOSE	Junior Engineer	0.00	0.00	0.00	0.00	11.25	1,077.21	11.25	1,077.21		
MCMILLAN, TERESA	Mid Level Scientist	0.50	56.84	0.00	0.00	0.50	56.84	0.50	56.84		
MULLEN, REGINA	GIS/IT Database	0.00	0.00	0.00	0.00	15.25	1,757.14	15.25	1,757.14		
MULLEN, REGINA	Mid Level Scientist	89.00	10,116.67	0.00	0.00	104.00	11,821.72	104.00	11,821.72		
MULLEN, REGINA	Junior Scientist	0.00	0.00	0.00	0.00	84.50	7,639.24	84.50	7,639.24		
OWENS, ROBERT M	Senior Engineer	0.00	0.00	0.00	0.00	32.50	5,364.93	32.50	5,364.93		
POWELL, MICHAEL W	Junior Scientist	0.00	0.00	0.00	0.00	6.00	543.66	6.00	543.66		
REYES-DZUL, SERGIO	Clerical/Office	2.50	196.93	0.00	0.00	2.50	196.93	2.50	196.93		
RILEY, NICHOLAS	Junior Scientist	0.00	0.00	0.00	0.00	4.00	362.44	4.00	362.44		
SPILLER, ALEXANDER	Mid Level Scientist	0.00	0.00	0.00	0.00	1.50	170.51	1.50	170.51		

**NOTE: Subpool Dollars include 11.43% G&A and 3% Fee**  
**Other Direct Charges include 11.43% G&A**

## REPORT 1 - TASK ORDER -- Task Level Specific Detail Report

Task Order Number:	088RICO06MC	Work Area Code:	RI	Contract Period:	Base and Option
Task Order Title:	Falcon Refinery Superfund Site Remedial Investigation/Feasibility	Action Code:	CO	TO Period of Performance Start:	09/10/2012
Contractor Name:	EA Engineering, Science and Technology, Inc.	Operable Unit:	00	TO Period of Performance End:	05/28/2015
Contract Number:	EP-W-06-004	TO Type:	FR	Reporting Period From:	05/31/2014
SSID:	06MC	Type Site:		Reporting Period To:	06/30/2014
State:	TX	Task Order Status:	A	Invoice Date:	07/18/2014
Region:	VI	Performance Based:	N	Invoice Number:	B88992

Task Number: 6

Task Category: DE

Task Name: Data Evaluation

Task Name: Data Evaluation											
Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
WALLACE-WYMORE, KIMBERLY	Mid Level Scientist	58.00	6,592.88	0.00	0.00	81.75	9,292.54	81.75	9,292.54		
TOTAL, Prime Contractor		167.00	18,895.72	0.00	0.00	0.00	44,121.16	398.75	44,121.16		

### SUBTOTALS FOR TASK 6

Cost Elements	Current		Cumulative						Approved Budget	
	Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR (Professional)	167.00	18,895.72	0.00	0.00	398.75	44,121.16	398.75	44,121.16	492.00	60,023.00
SUBTOTAL, DIRECT COSTS										
Other Direct Costs		0.00		0.00		168.12		168.12		0.00
Subpool		0.00		0.00		0.00		0.00		0.00
SUBTOTAL, TASK COSTS		18,895.72		0.00		44,289.28		44,289.28		60,023.00

Task Number: 7

Task Category: RA

Task Name: Risk Assessment

Risk Assessment											
Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
BABCOCK, SARAH	Senior Engineer	0.00	0.00	0.00	0.00	4.75	794.30	4.75	794.30		
BALLWEG, APRIL	Mid Level Engineer	12.50	1,593.25	0.00	0.00	81.50	10,388.04	81.50	10,388.04		
CHEATWOOD, CYNTHIA L.	Risk Assesor/Toxicologist	0.00	0.00	0.00	0.00	83.50	13,075.27	83.50	13,075.27		
CIARLO, MICHAEL C	Risk Assesor/Toxicologist	0.00	0.00	0.00	0.00	13.00	2,035.67	13.00	2,035.67		
GARR, AMBER	Mid Level Scientist	6.00	682.02	0.00	0.00	109.50	12,446.90	109.50	12,446.90		

**NOTE: Subpool Dollars include 11.43% G&A and 3% Fee**  
**Other Direct Charges include 11.43% G&A**

# REPORT 1 - TASK ORDER -- Task Level Specific Detail Report

Task Order Number:	088RICO06MC	Work Area Code:	RI	Contract Period:	Base and Option
Task Order Title:	Falcon Refinery Superfund Site Remedial Investigation/Feasibility	Action Code:	CO	TO Period of Performance Start:	09/10/2012
Contractor Name:	EA Engineering, Science and Technology, Inc.	Operable Unit:	00	TO Period of Performance End:	05/28/2015
Contract Number:	EP-W-06-004	TO Type:	FR	Reporting Period From:	05/31/2014
SSID:	06MC	Type Site:		Reporting Period To:	06/30/2014
State:	TX	Task Order Status:	A	Invoice Date:	07/18/2014
Region:	VI	Performance Based:	N	Invoice Number:	B88992

Task Number: 7

Task Category: RA

Task Name: Risk Assessment

Personnel Assessment											
Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
HINCKLEY, DANIEL A	Senior Scientist	2.50	415.18	0.00	0.00	18.00	2,989.28	18.00	2,989.28		
KELLY, LUCILLE	Mid Level Scientist	0.75	85.25	0.00	0.00	31.00	3,523.78	31.00	3,523.78		
KOORS, FELICIA	Clerical/Office	1.00	78.77	0.00	0.00	8.50	669.56	8.50	669.56		
MOSS, PAMELA	Senior Scientist	0.00	0.00	0.00	0.00	6.00	996.43	6.00	996.43		
MULLEN, REGINA	Mid Level Scientist	0.00	0.00	0.00	0.00	1.25	142.09	1.25	142.09		
OWENS, ROBERT M	Senior Engineer	1.00	167.22	0.00	0.00	32.50	5,434.65	32.50	5,434.65		
PAPAGEORGIS, CHRISTINE A.	Senior Scientist	0.00	0.00	0.00	0.00	17.00	2,823.19	17.00	2,823.19		
POWELL, MICHAEL W	Junior Scientist	0.00	0.00	0.00	0.00	10.50	951.41	10.50	951.41		
SCHWERTZ, JOHN	GIS/IT Database	0.00	0.00	0.00	0.00	14.00	1,613.08	14.00	1,613.08		
SPILLER, ALEXANDER	GIS/IT Database	0.00	0.00	0.00	0.00	1.50	172.83	1.50	172.83		
WALLACE-WYMORE, KIMBERLY	Mid Level Scientist	0.00	0.00	0.00	0.00	21.25	2,415.50	21.25	2,415.50		
TOTAL, Prime Contractor		23.75	3,021.69	0.00	0.00	0.00	60,471.98	453.75	60,471.98		

## SUBTOTALS FOR TASK 7

Cost Elements	Current		Cumulative						Approved Budget	
	Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
SUBTOTAL, DIRECT LABOR (Professional)	23.75	3,021.69	0.00	0.00	453.75	60,471.98	453.75	60,471.98	668.00	85,306.00
SUBTOTAL, DIRECT COSTS										
Other Direct Costs		42.60		0.00		323.57		323.57		0.00
Subpool		0.00		0.00		0.00		0.00		0.00
SUBTOTAL, TASK COSTS		3,064.29		0.00		60,795.55		60,795.55		85,306.00

**NOTE: Subpool Dollars include 11.43% G&A and 3% Fee**  
**Other Direct Charges include 11.43% G&A**

# REPORT 1 - TASK ORDER -- Task Level Specific Detail Report

Task Order Number:	088RICO06MC	Work Area Code:	RI	Contract Period:	Base and Option
Task Order Title:	Falcon Refinery Superfund Site Remedial Investigation/Feasibility	Action Code:	CO	TO Period of Performance Start:	09/10/2012
Contractor Name:	EA Engineering, Science and Technology, Inc.	Operable Unit:	00	TO Period of Performance End:	05/28/2015
Contract Number:	EP-W-06-004	TO Type:	FR	Reporting Period From:	05/31/2014
SSID:	06MC	Type Site:		Reporting Period To:	06/30/2014
State:	TX	Task Order Status:	A	Invoice Date:	07/18/2014
Region:	VI	Performance Based:	N	Invoice Number:	B88992

Task Number: 9				Task Category: RR							
Task Name: Remedial Investigation Report											
Name	Job Category	Current		Cumulative						Approved Budget	
		Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
Prime Contractor											
SCHWERTZ, JOHN	GIS/IT Database	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL, Prime Contractor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

SUBTOTALS FOR TASK 9											
Cost Elements	Current		Cumulative						Approved Budget		
	Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars	
SUBTOTAL, DIRECT LABOR (Professional)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	724.00	88,854.00	
SUBTOTAL, DIRECT COSTS											
Other Direct Costs		0.00		0.00		0.00		0.00		580.00	
Subpool		0.00		0.00		0.00		0.00		0.00	
SUBTOTAL, TASK COSTS		-----0.00		-----0.00		-----0.00		-----0.00		-----89,434.00	

REPORT 1 - TASK ORDER -- Task Level Specific Detail Report

TASK ORDER TOTALS (ALL TASKS)

Cost Elements	Current		Cumulative						Approved Budget	
	Hours	Dollars	Base Hours	Base Dollars	Option Hours	Option Dollars	Total Hours	Total Dollars	Hours	Dollars
TOTAL, DIRECT LABOR	199.00	23,134.50	0.00	0.00	3,583.08	401,655.99	3,583.08	401,655.99	6,401.00	759,715.00
TASK ORDER TOTAL, DIRECT COSTS										
Other Direct Costs		42.60		0.00		69,264.26		69,264.26		65,754.00
Subpool		0.00		0.00		46,089.82		46,089.82		411,496.00
TOTAL,Task Order		----- 23,177.10		----- 0.00		----- 517,010.07		----- 517,010.07		----- 1,236,965.00
		Average Hourly Rate 116.25						112.10		
		Expenditure Limit						700,000.00		



## REPORT 2T : Current Month & Cumulative Status Report --- Task Level Totals within FR/FRI Task Orders

Task Order Number: 088RICO06MC	Work Area Code: RI	Contract Period:	Base and Option
Task Order Title: Falcon Refinery Superfund Site Remedial Investigation/Fez	Action Code: CO	TO Period of Performance Start:	09/10/2012
Contractor Name: EA Engineering, Science and Technology, Inc.	Operable Unit: 00	TO Period of Performance End:	05/28/2015
Contract Number: EP-W-06-004      Region: VI	TO Type: FR	Reporting Period From:	05/31/2014
SSID: 06MC	Task Order Status: I	Reporting Period To:	06/30/2014
State: TX	Performance Based: N	Invoice Date and Number:	07/18/2014    B88992

### Current Month

#### Option Period

TASK		Prime/Team Hours	Prime/Team Labor \$	ODCs	Subpool	Fees	Total \$
NO	CAT CODE						
1	PP	8.25	1,217.09	0.00	0.00		1,217.09
6	DE	167.00	18,895.72	0.00	0.00		18,895.72
7	RA	23.75	3,021.69	42.60	0.00		3,064.29

Task Order Subtotal	199.00	23,134.50	42.60	0.00		23,177.10
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### Cumulative To-Date

#### Option Period

TASK		Prime/Team Hours	Prime/Team Labor \$	ODCs	Subpool	Fees	Total \$
NO	CAT CODE						
1	PP	1,157.08	136,446.71	2,799.19	0.00		139,245.90
3	FI	1,547.50	156,298.32	65,973.38	38,499.69		260,771.39
4	SN	0.00	0.00	0.00	7,590.13		7,590.13
5	AN	26.00	4,317.82	0.00	0.00		4,317.82
6	DE	398.75	44,121.16	168.12	0.00		44,289.28
7	RA	453.75	60,471.98	323.57	0.00		60,795.55

Subtotal for Option Period	3,583.08	401,655.99	69,264.26	46,089.82		517,010.07
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<b>Total for All Periods:</b>	<b>3,583.08</b>	<b>401,655.99</b>	<b>69,264.26</b>	<b>46,089.82</b>		<b>517,010.07</b>
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Total Expenditure Limit Dollars	700,000.00
% Expended of Expenditure Limit:	73.86%



## Invoice Detail

Project : 1434288 - EPA 6, Falcon Refinery RI/FS

Inv Nbr : B88992

Bill Client : 14782 EPA - Region VI

Inv Date : 7/18/2014

EVC Code / Name/Unit	Account Name	EVC Code	Dept	Document Number	Transaction Date	Period End Date	Qty	Cost/Rate	Mult/Rate	Billed Amount
<b>Phase : B - Option Period</b>										
<b>Task : 7 - Risk Assessment</b>										
UNITED PARCEL SERVICE 6/5/2014 Mailroom Supervisor US EPA	Postage & Shipping Costs	V08704	2141	UPS060714	6/7/2014	6/6/2014		0.20	1.1143	0.22
UNITED PARCEL SERVICE 6/5/2014 Mailroom Supervisor US EPA	Postage & Shipping Costs	V08704	2141	UPS060714	6/7/2014	6/6/2014		0.45	1.1143	0.50
UNITED PARCEL SERVICE 6/5/2014 Mailroom Supervisor US EPA	Postage & Shipping Costs	V08704	2141	UPS060714	6/7/2014	6/6/2014		6.42	1.1143	7.15
<b>Postage Total:</b>										7.87
Report Preparation Materials (p	Reproduction Usage	27840	2141	44698	6/30/2014	6/27/2014	015001	1.50	20.78	34.73
<b>Reproduction Total:</b>										34.73
<b>Task 7 Total:</b>										42.60
<b>Invoice Total:</b>										42.60

Task Order 0088

Base Line	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	
Funded	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	600,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	
Projected	25,000	50,000	75,000	100,000	125,000	150,000	375,000	600,000	650,000	700,000	750,000	800,000	850,000	900,000	950,000	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000	1,236,965	1,236,965	1,236,965	1,236,965	1,236,965	1,236,965	1,236,965	1,236,965	1,236,965	1,236,965	1,236,965	1,236,965	1,236,965	
Expended	5,540	42,439	52,159	52,244	60,264	62,186	62,894	72,494	87,898	101,568	113,939	142,129	369,131	380,718	387,551	392,524	407,168	416,769	446,656	478,771	493,833	517,010												
75% of Funded Amount	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	450,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	
Work Plan Budget Change																																		
Funded	500,000																				100,000	100,000												
Projected	25,000	25,000	25,000	25,000	25,000	25,000	225,000	225,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	36,965	0	0	0	0	0	0	0	0	0	0	0	0	0
Expended	5,540	36,899	9,720	85	8,020	1,922	707	9,601	15,403	13,670	12,371	28,191	227,002	11,587	6,833	4,973	14,644	9,601	29,886	32,115	15,062	23,177												

EA PM: Bob Owens  
EPA TOM: Brian Mueller

Work Plan Budget  
\$1,236,965

Funding Expenditure Limit  
\$700,000

Total Expended  
\$517,010

Remaining Budget  
\$182,990

Task Order Type  
Fixed Rate

